

4 Lecture - CS408

Important Mcqs

Question: What is the primary goal of Human-Computer Interaction (HCI)?

Options:

- a) To make computer systems more complex
- b) To improve the usability and efficiency of computer systems
- c) To create user interfaces with fancy graphics
- d) To focus on hardware design

Solution: b) To improve the usability and efficiency of computer systems

Question: Which of the following is NOT an important goal of HCI?

Options:

- a) User experience (UX)
- b) Accessibility
- c) Social media integration
- d) User-centered design (UCD)

Solution: c) Social media integration

Question: What is User-Centered Design (UCD) in HCI?

Options:

- a) Designing computer systems without involving users
- b) Designing computer systems solely based on technological capabilities
- c) Involving users in the design process and incorporating their needs and preferences
- d) Designing computer systems with complex and advanced features

Solution: c) Involving users in the design process and incorporating their needs and preferences

Question: What is the role of accessibility in HCI?

Options:

- a) To make computer systems usable only for a specific group of users
- b) To create complex and sophisticated user interfaces
- c) To ensure that computer systems are usable and accessible by all users
- d) To focus on aesthetics and visual appeal of user interfaces

Solution: c) To ensure that computer systems are usable and accessible by all users

Question: What is the importance of cognitive aspects in HCI?

Options:

- a) To create visually appealing user interfaces
- b) To ensure that computer systems are compatible with all cognitive abilities
- c) To understand how users perceive, process, and interpret information
- d) To focus on hardware and device compatibility

Solution: c) To understand how users perceive, process, and interpret information

Question: What is the goal of Social Computing in HCI?

Options:

- a) To design computer systems without any social aspects
- b) To create social media platforms
- c) To study how people interact and communicate through computer-mediated systems
- d) To focus on hardware and software integration

Solution: c) To study how people interact and communicate through computer-mediated systems

Question: What is the importance of information visualization in HCI?

Options:

- a) To create complex and visually appealing data visualizations
- b) To ensure that computer systems have high processing speed
- c) To design visualizations that help users make sense of complex data
- d) To focus on hardware design and aesthetics of user interfaces

Solution: c) To design visualizations that help users make sense of complex data

Question: What is Human-Centered AI in the context of HCI?

Options:

- a) Designing AI technologies without any consideration for human users
- b) Designing AI technologies that replace humans entirely
- c) Designing AI technologies that collaborate with humans and are transparent and understandable
- d) Designing AI technologies that focus solely on technical capabilities

Solution: c) Designing AI technologies that collaborate with humans and are transparent and understandable

Question: What is the role of User Experience (UX) in HCI?

Options:

- a) To focus on hardware design and aesthetics of user interfaces
- b) To ensure that computer systems are only accessible to a specific group of users
- c) To create engaging and satisfying experiences for users
- d) To design computer systems without any consideration for users

Solution: c) To create engaging and satisfying experiences for users

Question: How has the field of HCI evolved over time?

Options:

- a) It has focused solely on hardware design
- b) It has become less relevant in the digital age
- c) It has evolved to encompass various interdisciplinary areas
- d) It has shifted its focus**